

SEQUENCE LISTING



RECEIVED

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TECH CENTER 1600/2900

<110> Hagen, Gustav
Siegmond, Hans-Ulrich
Weichel, Walter
Wick, Maresa
Zubov, Dmitry

<120> Human Catalytic Telomerase Sub-Unit and its Diagnostic and Therapeutic Use

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 <212> DNA
 <213> Homo sapiens

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<210> 8
<211> 3860
<212> DNA
<213> Human

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<220>
<221> CDS
<222> (1)..(3860)
<223> Nucleotides 2345 to 2526 of SEQ ID NO 1 were deleted to provide
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<211> 4006

<212> DNA

<213> Human

<220>

<221> CDS

<222> (1)..(4006)

<223> Nucleotides 2184 to 2219 of SEQ ID NO. 1 have been deleted to provide this sequence.

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<220>
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 <222> (1)..(3824)
 <223> Nucleotides 2184 to 2219 and 2345 to 2526 of SEQ ID NO. 1 were deleted.

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<213> Human

<220>

<221> CDS

<222> (1)..(3411)

<223> Nucleotides 1-59 and 3471-4042 of SEQ ID NO 1 were deleted to provide this sequence.

<400> 11

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<210> 12
<211> 4012
<212> DNA
<213> Homo sapien

<220>
<221> CDS
<222> (1)..(4012)
<223> Nucleotide positions 1-1782 and 3872 to 4012 are identical to the
same sequences in SEQ ID NO: 1; nucleotide positions from 1783
to 3871 are according to SEQ ID NO: 7.

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30

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<212> DNA

<213> Artificial sequence

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<223> PCR primer GSP6

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<210> 22

<211> 24

<212> DNA

<213> Artificial sequence

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<223> PCR primer GSP9

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<210> 23

<211> 25

<212> DNA

<213> Artificial sequence

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<211> 24

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<223> PCR primer C5F

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<210> 26
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23

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Cys	Lys	Arg	Val	Gln	Leu	Arg	Glu	Leu	Ser	Glu	Ala	Glu	Val	Arg	Gln
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Cys	Gln	Glu	Thr	Ser	Pro	Leu	Arg	Asp	Ala	Val	Val	Ile	Glu	Gln	Ser
1				5					10					15	

Ser Ser Leu Asn Glu
20